

AMENDMENTS TO THE DRAWINGS

The attached drawings include changes to Fig. 5D and 5E. These 2 sheets, which includes Figs. 5C-5E provide the correct reference numbers for a connection pattern and a through hole.

Attachment: Annotated Sheet Showing Changes
Replacement Sheets

REMARKS/ARGUMENTS

Claims 1-19 are pending in this application. By this Amendment, claims 1-16 and 18, the specification and Figures 5D-5E are amended and claim 19 is newly added. Reconsideration in view of the above amendments or the following remarks is respectfully requested.

A. The Office Action rejects claims 1-18 under 35 U.S.C. §112, second paragraph. The rejection is respectfully traversed.

With respect to claims reciting "to be electrically short", Applicants respectfully submit that the specification and claims have been amended to clarify such features disclosed in embodiments of the specification and distinctly claim the subject matter that Applicants regard as the invention. Further, Applicants respectfully submit such amendments are supported by at least Figs. 4A-4L of the originally filed application.

With respect to claims 2 and 10, Applicants respectfully submit at least features of "coating an electrolyte layer on the surface of the substrate" and combinations thereof as recited are definite. Applicants respectfully submit they are entitled to be their own lexicographer. Further, Applicants respectfully submit the other electrolyte definition provided in the footnote of the text Electroplating by Lowenheim that was cited by the Office Action defines "electrolyte" as the substance which when dissolved in a solvent gives rise to a conducting solution. Applicants respectfully submit that an electrolyte

layer, for example, formed through an electrolytic plating method, deposits a layer from dissolved substances in the depositing conductive solution. To expedite prosecution, however, the pending claims have been amended to recite "a conductive layer," with the exception of claims 4 and 17.

For at least the reasons set forth above, Applicants respectfully submit that claims 1-18 are definite. Withdrawal of the rejection of claims 1-18 under 35 U.S.C. §112, second paragraph is respectfully requested.

B. The Office Action rejects claims 1-18 under 35 U.S.C. §112, first paragraph, for failing to comply with the written description requirement. Further, the Office Action rejects claims 1-18 under 35 U.S.C. §112, first paragraph, because the specification does not reasonably provide enablement for making the power connection "electrically short." The rejections are respectfully traversed.

Applicants respectfully submit that the above amendments obviate the grounds for the rejections. Further, Applicants respectfully submit such amendments are supported by at least Figs. 4A-4L of the originally filed application. Withdrawal of the rejections of claims 1-18 under 35 U.S.C. §112, first paragraph, is respectfully requested.

C. Claim 19 is newly added by this Amendment and believed to be in condition for allowance.

CONCLUSION

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and prompt allowance are earnestly solicited.

If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney, Carl R. Wesolowski, at the telephone number listed below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
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FIG. 5C

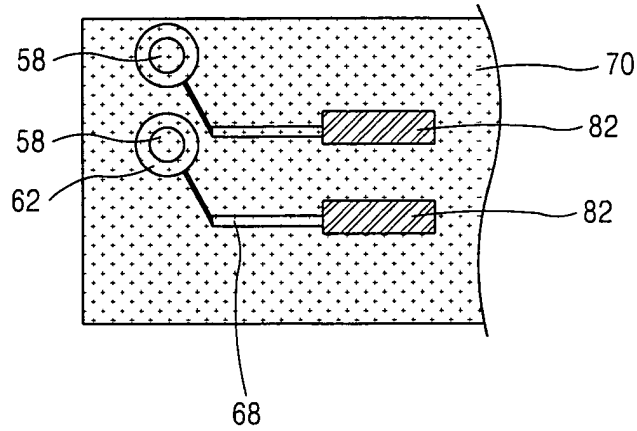
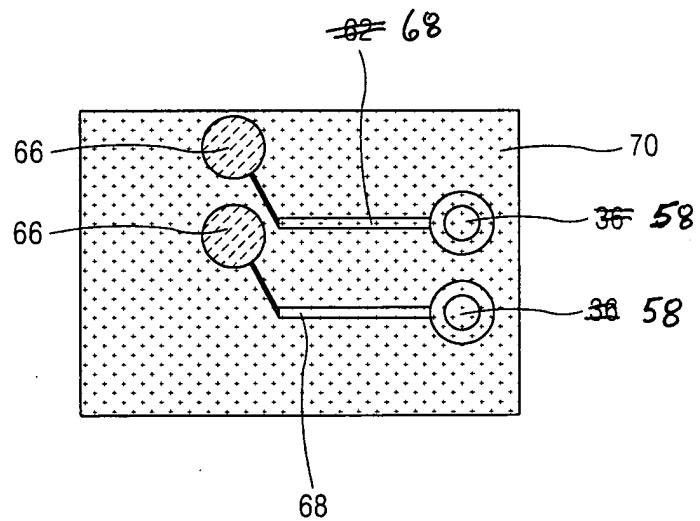


FIG. 5D



ANNOTATED SHEET

FIG. 5E

